(d) the reasons for so much difference in highest and lowest production cost?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI B. K. HANDIQUE): (a) to (d) The cost of production of urea is different across various units in the country with the highest cost of production for the urea being Rs. 22899 PMT for M/s. Madras Fertilizers limited and lowest being Rs. 5054 PMT for M/s. National Fertilizers Limited-Vijaipur-1. The main reason for difference in the cost of production of these units is due to the wide difference in the price of feedstock being used by these units for production of urea. The cost of production also varies as some of the units are old with negligible depreciation costs, whereas others are comparatively new units with significant depreciation cost.

The fertilizers units producing DAP in the country have been divided into two groups based on the process through which DAP is peoduced in these units. The cost of production of Group-I units (producing DAP based on imported rock phosphate) has been Rs. 19786 PMT in 2007-08 (April to September) whereas the cost of production of Group-II units (producing DAP from imported phosphoric acid) has been Rs. 17767 PMT.

With regard to the complex fertilizers, every unit produces varying grades of complex fertilizers and the cost of production of same depends upon feedstock/raw material being used by the units. The average cost of production of various grades of complex fertilizers in 2007-08 (April to September) is given as below:—

Grades of complex fertilizers	Cost (PMT)
16:20:00	12212
20:20:00	13284
23:23:00(gas)	14807
28:28:00(urea)	17344
10:26:26	17499
12:32:16	17372
14:28:14	16531
14:35:14	18207
15:15:15(gas)	13896
17:17:17	15330
19:19:19	16765

Self sufficiency in fertilizer production

822. SHRIMATI JAYA BACHCHAN : Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) the different varieties of fertilizers being produced in the country and the details of the plants alongwith their locations producing a kind of fertilizers;

(b) whether there are any varieties for which there is a demand but is not being produced in the country and if so, the details in this regard; and

(c) by when the country is likely to achieve self sufficiency in the production of requisite varieties of fertilizers?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI B. K. HANDIQUE): (a) Major fertilizers being produced in the country include urea, Di-Ammonium Phosphate (DAP), complex grade fertilizers and Single Super Phosphate (SSP). Details regarding location of the plants producing these fertilizers are indicated in the enclosed statement (*See* below).

(b) For requirement of Muriate of Potash (MOP) for which there is demand, the country is totally dependent on imports as there are no economically exploitable reserves of Potash in the country.

(c) while no definite time frame can be prescribed for increasing production of fertilizers to attain serlf-sufficiency, Government is working towards increasing the production capacity of chemical fertilizers, chiefly urea. This is sought to be done through revival of the currently closed units of Fertilizer Corporation of India Ltd. (FCIL) and Hindustan Fetilizers Corporation of India Ltd. (FCIL) as well as through establishment of new plants. These companies are in discussions with gas companies for pipeline connectivity and availability of natural gas.

The Government is in the process of developing a new pricing policy for investment in urea sector in order to promote investment in urea sector and consequently to increase the indigenous production.

Production of phosphatic fertilizers in the country is dependent upon availability of raw materials/intermediates in the international market. Hence, additional capacity creation for production of DAP and complex grade fertilizers can not be anticipated definitely.

Statement

Plant-wise fertilizers being produced by the manufacturers in the country

Name of Unit/Plant	Product Name
1	2
PUBLIC SECTOR:	
National Fertilizers Limited (NFL): Nagal-II	Urea
National Fertilizers Limited (NFL): Bhatinda	Urea
National Fertilizers Limited (NFL): Panipat	Urea
National Fertilizers Limited (NFL): Vijaipur-I	Urea
National Fertilizers Limited (NFL): Vijaipur-II	Urea

Bharmaputra Valley Fertilizers Corporation Ltd. (BVFCL): Namrup-II	Urea
Bharmaputra Valley Fertilizers Corporation Ltd. (BVFCL): Namrup-III	Urea
Fertilizers and Chemicals Travancore Ltd. (FACT): Udyogamandal	20:20 (Complex Grade Fertilizer)
Fertilizers and Chemicals Travancore Ltd. (FACT): Cochin-II	20:20 (Complex Grade Fertilizer)
Rashtriya Chemicals & Fertilizers Ltd. (RCF): Trombay	15:15:15 (Complex Grade Fertilizer)
Rashtriya Chemicals & Fertilizers Ltd. (RCF): Trombay-IV	20:8:20:8 (Complex Grade Fertilizer)
Rashtriya Chemicals & Fertilizers Ltd. (RCF): Trombay-V	Urea
Rashtriya Chemicals & Fertilizers Ltd. (RCF): Thal	Urea
Madras Fertilizers Limited (MFL):Chennai	Urea
	17:17:17 (Complex Grade Fertilizer)
	19:19:19 (Complex Grade Fertilizer)
	20:20 (Complex Grade Fertilizer)
COOPERATIVE SECTOR:	
Indian Farmers Fertilizers Cooperative Limited (IFFCO): Kandla	10:26:26 (Complex Grade Fertilizer)
	14:32:16 (Complex Grade Fertilizer)
	Dia-Ammonium Phosptathe (DAP)
Indian Farmers Fertilizers Cooperative Limited (IFFCO): Kalol	Urea
Indian Farmers Fertilizers Cooperative Limited (IFFCO): Phulpur-I	Urea
Indian Farmers Fertilizers Cooperative Limited (IFFCO): Phulpur-II	Urea
Indian Farmers Fertilizers Cooperative Limited (IFFCO): Aonla-I	Urea
Indian Farmers Fertilizers Cooperative Limited (IFFCO): Anola-II	Urea
Indian Farmers Fertilizers Cooperative Limited (IFFCO): Paradeep	Dia-ammonium Phosphate (DAP) 20:20:(Complex Grade Fertilizer)
Krishak Bharati Cooperative Limited (KRIBHCO): Hazira	Urea
PRIVATE SECTOR:	
Gujarat State Fertilizers & Chemicals Ltd.(GSFC): Vadodara	Urea
	Dia-ammonium Phosphate (DAP)
	20:20 (Complex Grade Fertilizer)

Coromandal Fertilizers Ltd.(CFL)-Vishakhapatnam	28:28 (Complex Grade Fertilizer)
	14:35:14 (Complex Grade Fertilizer)
	20:20 (Complex Grade Fertilizer)
	10:26:26 (Complex Grade Fertilizer)
Shriram Fertilizers & Chemicals (SFC)-Kota	Urea
Duncans Industries Ltd. (DIL)-Kanpur	Urea
Zuari Industries Ltd.(ZIL):Zuari Nagar, Vasco, Goa	Urea
	19:19:19 (Complex Grade Fertilizer)
	Dia-ammonium Phosphate (DAP)
	10:26:26 (Complex Grade Fertilizer)
	12:32:16 (Complex Grade Fertilizer)
Southern Petrochemicals Industries Corporation (SPIC): Tuticorin	Urea
	Dia-ammonium Phosphate (DAP)
	17:17:17 (Complex Grade Fertilizer)
	20:20 (Complex Grade Fertilizer)
Mangalore Chemicals & Fertlizers Ltd. (MCF)-Mangalore	Urea
	Dia-ammonium Phosphate (DAP)
	20:20 (Complex Grade Fertilizer
Gujarat Narmada Velley Fertilizers Co. Ltd. (GNFC)-Bharuch	Urea
	20:20 (Complex Grade Fertilizers)
Tata Chemicals Ltd.(TCL)-Haldia	Dia-ammonium Phosphate (DAP)
	28:28 (Complex Grade Fertilizer)
	14:35:14 (Complex Grade Fertilizer)
	12;32:16 (Complex Grade Fertilizer)
	10:26:26 (Complex Grade Fertilizer)
	Single Super Phophate (SSP)
	15:15:15 (Complex Grade Fertilizer)
Gujarat State Fertilizers & Chemicals Ltd.(GSFC): Sikka-I	Dia-ammonium Phosphte (DAP)
Gujarat State Fertilizers & Chemicals Ltd.(GSFC): Sikka-I	12:32:16 (Complex Grade Fertilizer)

Gujarat State Fertilizers & Chemicals Ltd.(GSFC): Sikka-II	Dia-ammonium Phosphate (DAP)
	12:32:16 (Complex Grade Fertilizer)
Godavari Fertilisers and Chemicals Ltd.(GFCL): Kakinada	Dia-ammonium Phosphate (DAP)
	14:35:14 (Complex Grade Fertilizer)
	20;20 (Complex Grade Fertilizer)
	10:26:26 (Complex Grade Fertilizer)
	12:32:16 (Complex Grade Fertilizer)
Indo Gulf Fertilizers (IGF)-Jagdishpur	Urea
Hindalco Industries Ltd.:Dahej	Dia-ammonium Phosphate (DAP)
	20:20 (Complex Grade Fertilizer)
	10:26:26 (Complex Grade Fertilizer)
	12:32:16 (Complex Grade Fertilizer)
Deepak Fetilizers & Petrochemicals Corporations Ltd.(DFPCL): Taloja	23:23 (Complex Grade Fertilizers)
Nagarjuna Fertilizers and Chemmicals Ltd.(NFCL): Kakinada-I	Urea
Nagarjuna Fertilizers and Chemmicals Ltd.(NFCL): Kakinada-II	Urea
Chambal Fertilizers and Chemicals Ltd.(CFCL): Gadepan-I	Urea
Chambal Fertilizers and Chemicals Ltd.(CFCL): Gadepan-II	Urea
Tata Chemicals Ltd.(TCL):Babrala	Urea
Kribhno Shyam Fertilizers :td. (KSFL):Shahjahanpur	Urea
Paradeep Phosphates Ltd. (PPL): Paradeep	Dia-ammonium Phosphate (DAP)
	20:20 (Complex Grade Fertilizer)
	16:20 (Complex Grade Fertilizer)
	14:35:14 (Complex Grade Fertilizer)
	28:28 (Complex Grade Fertilizer)
	12:32:16 (Complex Grade Fertilizer)
	12:26:26 (Complex Grade Fertilizer)
SSP Units (79 Units)	Single Super Phosphate (SSP)

Plant with location producing Single Superphosphate (SSP)

Sl.No.	Name of Plant	Location
1	2	3
1.	Shrikrishna Fertilizers Limited	Muzaffarpur
2.	The Jay Shree Chemicals & Fertilizers LTD-(Unit-I)	Khardah, 24 Parganas(N)
3.	The Jay Shree Chemicals & Fertilizers LTD-(Unit-II)	Khardah, 24 Parganas(N)
4.	The Phosphate Company Limited	Hooghly
5.	Tata Chemicals Limited (Hind. Liver Chemicals Ltd.)	Haldia, Midnapore
6.	Teesta Agro Industries Limited	Jalpaiguri
7.	Sai Fertilizers Pvt. Limited	Kharagpur
8.	Asian Fertilizers Limited	Gorakhpur
9.	Khaitan Fertilizers Limited	Rampur
10.	Khaitan Chemicals & Fertilizers Malwa Unit @	Fatehpur
11.	Mahadeo Fertilizers Limited	Fatehpur
12.	Natraj Organics Limited	Muzaffarnagar
13.	V.K. Phosphate Limited @	Shahjahanpur
14.	Khaitan Chemicals & Fertilizers Ltd.	Jhansi
15.	Jubilant Organosys Ltd.	Gajraula
16.	Kashi Urbarak Limited (NP)	Lucknow
17.	The Andhra Sugars Limited	Tanuku
18.	Chemtech Fertilisers Ltd.	Medak
19.	Krishna Industrial Corporation Limited	Nidadavole
20.	Subhodaya Chemicals Limited	Gauripatnam
21.	Pragati Fertilizer Limited	Visakhapatnam
22.	Priyaanka Fertilizers & Chemicals Limited @	Visakhapatnam
23.	Prathyusha Fertilizers & Chemicals Limited @	Visakhapatnam
24.	Agri Green Ferts & Chemicals @	Cuddapah
25.	KPR Fertilizers (P) Limited	Balabhadra
26.	Tungabhadra Fertilizers & Chemicals Company	Koppal

27. Coimbatore Pioneer Fertilizers Limited	Coimbatore
28. Coromandal Fertilizers Ltd. (EID parry (I) Limited)	Chennai
29. Liberty Phosphate Limited (Formerly:Hind. Rasayan)	Nandesari, Vadodara
30. Nirma Limited (formerly Kisan Industries Ltd.)	Ahmedabad
31. Sona Phosphate Limited	Sarigam, Valsad
32. Aarti Fertilizers Limited	Valsad
33. T.J. Agro Industires Ltd.,	Navsari
34. Narmada Agro Chemicals Pvt. Ltd.	Mnagroal, Junagarh
35. The Dharamsi Morarji Chemicals Co. Ltd.	Amreli
36. Liberty Urvarak Ltd.	Nirmani
37. Khaitan Chemicals & Fertilizers Limited	Nimrani, Khargone
38. Rama Phosphates Limited	Indore
39. Swastik Fertilizer & Chemicals Limited	Indore
40. Asha Phosphate Limited @	Mandsour
41. Madhya Bharat Agro product Limited @	Nayagoun
42. Madhya Pradesh Orgochem Limited @	Nayagoun, Neemuch
43. Madhya Bharat Phosphates Ltd.	Diwanganj, Raisen
44. Agro Phos. (India) Ltd. @	Dewas
45. Mukteswar Fertilizers & Chemicals Limited @	Ujjain
46. Arihant Fertilizers & Chemicals Limited	Kanawati, Neemach
47. Rewati Minerals & Chemicals Limited	Hirapur, Banda
48. Jairam Phosphate Limited @	Farhad, Rajnandgaon
49. BEC Fertilizers Limited	Bilaspur
50. BEC Fertilizers Limited	Phulgaon
51. Bharat Fertilizers Industries Limited	Thane
52. The Dharamsi Morarji Chemicals Company	Ambernath, Thane
53. Rajlaxmi Agrotech India Limited (NP)	Jalna
54. Rama Krishi Rasayani	Loni Kalbhor

1	2	3
55.	Shiva Fertilizers Limited	Nanded
56.	Basant Agro Tech (India) Limited @	Akola
57.	Shri Bhavani Mishra Fertilizers Limited	Nanded
58.	Balaji Fertilisers Pvt. Ltd.	Nanded
59.	Liberty Phosphate Limited @	Pali, Rajgard
60	Jairam Phosphate Limited @	Nagpur
61	Shri Gajraj Fertilizers Pvt. Ltd. @	Nanded
62.	Shree Datta Fertilizers & Chemicals Pvt. Limited	Nagpur
63.	R.C. Fertilizers Pvt. Limited	Nasik
64.	Manglam Phosphate Ltd.	Hamirgarh
65.	Liberty Phosphate & Fertilizers Limited	Udaipur
66.	Rama Phosphate Limited	Udaipur
67.	Shurvi Colour Chemicals Limited	Udaipur
68.	Shri Ganpati Fertilizers Limited @	Chittorgarh
69.	TEDCO Granite Limited	Bhilwara
70.	Arawali Phosphate Limited	Udaipur
71.	Arihant Phosphate & Fertilizers Limited	Chittorgarh
72.	Bohra Industries Limited @	Udaipur
73.	Gayatri Spinners Limited @	Bhilwara
74.	The Dharamsi Morarji Chemicals Co. Ltd.	Khemli, Udaipur
75.	Sadhana Phosphate & Chemicals Limited @	Udaipur
76.	Liberty Phosphate Limited @	Jagpura, Kota
77.	Khaitan Chems. & Ferts. @	Nimbaheda
78.	Jubilant Organosys Limited	Chittorgarh
79.	Indian Phosphate Limited @	Udaipur

Note: NP-Note in production
@-New Unit